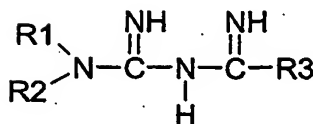


CLAIMS

1. Use of a biguanide derivative of following general formula I:



(I)

in which:

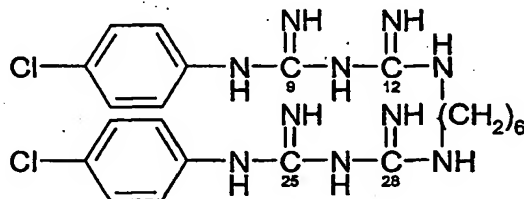
the R1 and R2 groups, independently of each other, represent a hydrogen atom, a C<sub>1</sub>-C<sub>7</sub> alkyl group, a cycloalkyl group, a heterocycle, a C<sub>2</sub>-C<sub>7</sub> alkenyl group, an aryl group, an aralkyl group, an aryloxylalkyl group or a heteroaryl group,

or R1 and R2 taken together represent a C<sub>2</sub>-C<sub>7</sub> alkylene possibly containing one or more heteroatoms,

and the R3 group represents a primary, secondary or tertiary amine

or its pharmaceutically acceptable salt

with the exception of the compound of formula:



for the manufacture of a medicinal product intended to protect the skin against the harmful effects of UVB radiation.

2. Use as in claim 1 intended to protect the skin against sunburn and skin cancers.

3. Use as in claim 1 or 2 to manufacture a medicinal product having protective action against the photo immunosuppressive effect induced by UVB radiation on Langerhans cells.

5        4. Use as in any of the preceding claims, characterized in that the R1 and R2 groups, independently of each other, represent a hydrogen atom or a C<sub>1</sub>-C<sub>7</sub> alkyl group.

10       5. Use as in any of the preceding claims characterized in that the R3 group represents NH<sub>2</sub>.

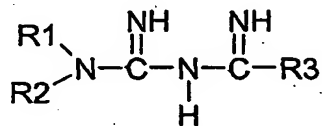
6. Use as in claim 5, characterized in that the derivative of biguanide is metformin, advantageously in the form of a hydrochloride.

15       7. Use as in any of the preceding claims taken separately, characterized in that the medicinal product is in a pharmaceutical form for local use.

8. Use as in any of the preceding claims taken separately, characterized in that the medicinal product contains 0.02 to 2 % by weight of the biguanide derivative or its pharmaceutically acceptable salt and a suitable excipient.

25       9. Use as in any of the preceding claims, characterized in that the derivative of biguanide or its pharmaceutically acceptable salt is combined with at least one other active ingredient.

10. Cosmetic use of a biguanide derivative of following general formula I:



(I)

30

in which:

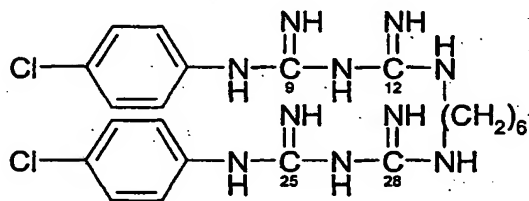
the R1 and R2 groups, independently of each other, represent a hydrogen atom, a C<sub>1</sub>-C<sub>7</sub> alkyl group, a cycloalkyl group, a heterocycle, a C<sub>2</sub>-C<sub>7</sub> alkenyl group, an aryl group, an aralkyl group, an aryloxyalkyl group  
 5 or a heteroaryl group,

or R1 and R2 taken together represent a C<sub>2</sub>-C<sub>7</sub> alkylene possibly containing one or more heteroatoms,

and the R3 group represents a primary, secondary or tertiary amine

10 or its pharmaceutically acceptable salt

with the exception of the compound of formula:



15 to protect the skin against the adverse and/or displeasing effects of UVB radiation.